

IPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Kew-Ho LEE, Yoon-Kyu LEE, Dong-Wook LEE,
Bong-Kuk SEA

Serial No. 10/570,827

For TITANIA COMPOSITE MEMBRANE FOR
WATER/ALCOHOL SEPARATION, AND
PREPARATION THEREOF

Filed : Not Yet Assigned

Examiner : Not Yet Assigned

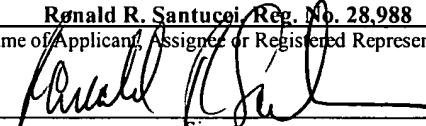
Art Unit : Not Yet Assigned

Confirmation No. : Not Yet Assigned

745 Fifth Avenue
New York, NY 10151

I hereby certify that this correspondence is being deposited with
the United States Postal Service as first class mail in an envelope
addressed to: Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450, on June 12, 2006.

Ronald R. Santucci, Reg. No. 28,988
(Name of Applicant, Assignee or Registered Representative)


Signature

June 12, 2006

Date of Signature

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97(B)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The Information Disclosure Statement submitted herewith is being filed within
three months of the filing of a national application; within three months of the date of entry of
the national stage as set forth in 37 CFR 1.491 in an international application; or before the

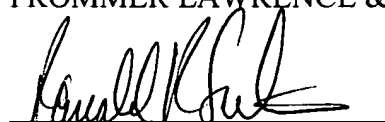
mailing date of a first Office Action on the merits, whichever event occurs last. No fee is required.

The filing of this Information Disclosure Statement is not an admission that the documents identified herein constitute prior art to the present application.


The Commissioner is authorized to charge any additional fee that may be required to Deposit Account No. 50-0320.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP

By:



Ronald R. Santucci
Reg. No. 28,988
(212) 588-0800

Based on Form PTO-1449 (3/90) LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. 930086-2023	SERIAL NO. 10/570,827
		APPLICANT Kew-Ho LEE et al.	
		FILING DATE Not Yet Assigned	GROUP Not Yet Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,929,406	05/29/1990	Abe et al.			
	AB	5,160,352	11/03/1992	Najjar et al.			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	JP 59-179112	10/11/1984	Japan (with English translation of Abstract)			X (of Abstract)	
	AM	JP 01-119324	05/11/1989	Japan (with English translation of Abstract)			X (of Abstract)	
	AN	KR 10-2004-0031177 A	04/13/2004	Korea (with English translation of Abstract)			X (of Abstract)	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

AO		Qunyin Xu and Marc A. Anderson, "Sol-Gel Route to Synthesis of Microporous Ceramic Membranes: Preparation and Characterization of Microporous TiO ₂ and ZrO ₂ Xerogels", <i>J. Am. Ceram. Soc.</i> 77 (71 pages 1939-45) (1994).
AP		V. T. Zaspalis, W. Van Praag, K. Keizer, J.R.H. Ross, A.J. Burggraaf, "Synthesis and characterization of primary alumina, titania and binary membranes", <i>Journal of Materials Science</i> 27 (1992) (pages 1023-1035).
AQ		Katsuki Kusakabe, Kiyotaka Ichiki, Jun-ichiro Hayashi, Hideaki Maeda, Shigeharu Morooka, "Preparation and characterization of silica-polyimide composite membranes coated on porous tubes for CO ₂ separation", <i>Journal of Membrane Science</i> 115 (1996) pages 65-75.
AR		Brinker and Scherer, "Sol-gel Science", <i>Academic Press</i> , 1990, page 273.
AS		Burggraaf et al., <i>Proceedings of the Second International Conference on Inorganic Membrane</i> , 1991, page 37.
AT		A.J. Burggraaf, K. Keizer, R.R. Bhaye, "2. Synthesis of Inorganic Membranes" <i>Synthesis of Inorganic Membranes</i> , (1991) page 11.
AU		
AV		

EXAMINER	DATE CONSIDERED
----------	-----------------

- * EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.